

Date Opened: 14 December 2009

Job #: 786
Project: Mid Height Mounting Beams ²~~0~~ + 1 w/RH step)
Type: Eurocopter AS350/AS355 Series

Approval: SH08-16
Drawing List: DCL786-3, Rev. 2

<u>Fabrication and Assembly Drawing(s)</u>	<u>Description</u>
78632, Rev. 0	Mid Height Beam Fabrication

Complete material tracking information on attached pages.


Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____

Welder Signature: _____

Date: _____


Inspector Signature: _____

Date: _____

26 FEB 2010

Drawing: 78632 Revision 0
 Assembly: 78632-01 Mid Beam Ass'y; 78632-11 Mid Beam Ass'y w/ RH Step
 Batch Quantity: 7 / 1

Qty	Part #	Description	Material	P.O.W.O.	Checked
8 ³	78632-01	Mid Beam Assembly			
.1	78632-02	Tube	1x2x0.12 Tube, 304 Stainless Steel	8098	
.1	78630-03	Cap	0.025" Sheet, 321 Stainless Steel	7006	
.4	78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	9086	
.1	69830-07	Block	0.188 Sqr Bar, 304 Stainless Steel	9011	
.1	69830-11	Guide	0.75 x 0.065 Tube, 304 Stainless Steel	9011	
.1	69830-21	Stop	0.625 Rod, 6061-T6 Aluminum	8049	
.1	69830-22	Knob	0.75 Rod, 6061-T6 Aluminum	3005	
.1	69830-23	Spring	15mm x 70mm Spring, Stainless Steel	9091	
.1		#10-32 C'sunk screw	Stainless Steel	9053	
.1	MS21044C3	Nut		9056	
1	78632-11	Mid Beam Assembly w/ RH Step			
.1	78632-01	Mid Beam Assembly	Above		
.1	82735-03	Tube	1.0 x 0.035 Tube, 316 Stainless Steel	9079	
.1	82735-06	Cap	0.050 Sheet, 321 Stainless Steel	2195	

Processes	Per	Mat'ls Used	Initials
Welding	AMS 2685C	Welding Rod ER308L	
Powder Coat	Drawing 78632		
Final Inspection	Drawing 78632		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39 th Avenue NE, Calgary, Alberta, T2E 6R7				5. Work Order/Contract/Invoice WO2009-26	
6. Item	7. Description Beam - RH Step	8. Part Number 78632-11	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks Painted Red.					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name JEFF CLARKE		13e. Date (dd/mmm/yyyy) 12 Jan 2010		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

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6. Item	7. Description Beam	8. Part Number 78632-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New
12. Remarks Painted Red.					
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